7th Grade Science

Thursday Sept. 8th 2011

Unit: Cells

Objective / TEK:

LSM-PE.2.2.2 Construct an analogical model (analogy) of the interaction of the internal components of a cell (e.g., working parts of a city, factory, or automobile). Predict and justify, using the model, the impact on the cell or on the organism if one or the components fails to function properly.

differentiate between structure and function in plant and animal cell organelles, including cell membrane, cell wall, nucleus, cytoplasm, mitochondrion, chloroplast, and vacuole.[7.12D]

compare the functions of a cell to the functions of organisms such as waste removal.[7.12E]

Lesson: Students will…..

Present their models

Explain their comparisons

Closure:

Re-cap some of the ways that we have modeled how a cell is like a city

Ask students if this helps them with remembering parts and function